

# INTERNATIONAL SEARCH REPORT

GB2005/000661

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 E21B17/14

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 401 820 B1 (KIRK IAN ALASTAIR ET AL) 11 June 2002 (2002-06-11) cited in the application column 1, lines 38-42, 46; figures 1, 2, 5 column 2, lines 4, 5, 25, 26, 38, 46-48 column 3, lines 11-13, 17, 18	15, 16, 18, 22-27
A	WO 01/83932 A (BBL DOWNHOLE TOOLS LIMITED; BAIN, JAMES; HAITES, BINNERT, RUERD; TULLO) 8 November 2001 (2001-11-08) figure 2	1-14, 17
A	US 2003/075364 A1 (WARDLEY MIKE) 24 April 2003 (2003-04-24) cited in the application figure 1	1-14, 17



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

27 May 2005

Date of mailing of the international search report

06/06/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/98621 A (HERRERA, DEREK, FREDERICK) 27 December 2001 (2001-12-27) the whole document -----	1-27
A	US 4 467 879 A (BURGE ET AL) 28 August 1984 (1984-08-28) figures 1-5 -----	1-27

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Information on patent family members

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